

**DOE-ID NEPA CX DETERMINATION
Idaho National Laboratory**

SECTION A. Project Title: Re-Start ATR Perimeter Lights (Partial)

SECTION B. Project Description and Purpose:

The ATR perimeter lights have been turned off for several years due to degradation of the system, and the lighting system needs to be brought back into service. Lamps have been blown off poles and bare wires are exposed. The proposed action would bring the lights located in the North West corner of the ATR security perimeter back into service. Damaged light poles and fixtures will be replaced, and 27 new LED light fixtures will be installed. Perimeter lighting circuits will be re-energized to power these lights.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

Emissions from machinery and equipment exhaust are expected.

Project activities have the potential to generate fugitive dust.

Disturbing Cultural or Biological Resources

Proposed activities have the potential to disturb biological and cultural resources.

Generating and Managing Waste

Project activities may generate a variety of typical maintenance wastes such as boxes, wood, wiring, paper, insulation, and some metals. The following types of waste could be generated:

- Industrial (non-hazardous, non-radioactive) waste, e.g. boxes, wood, wiring, paper, insulation, and some metals
- Hazardous wastes (e.g., metal containing paints)
- Polychlorinated Biphenyl (PCB).

Releasing Contaminants

Although unexpected, spills could occur during the use of chemicals typically used in construction.

Using, Reusing, and Conserving Natural Resources

The project will practice sustainable acquisition, as appropriate and practicable, by procuring construction materials that are energy efficient, water efficient, are bio-based in content, environmentally preferable, non-ozone depleting, have recycled content, or are non-toxic or less-toxic alternatives. New equipment will meet either the Energy Star or Significant New Alternatives Policy (SNAP) requirements as appropriate (see <http://www.sftool.gov/GreenProcurement>).

SECTION D. Determine Recommended Level of Environmental Review, Identify Reference(s), and State Justification: Identify the applicable categorical exclusion from 10 Code of Federal Regulation (CFR) 1021, Appendix B, give the appropriate justification, and the approval date.

For Categorical Exclusions (CXs), the proposed action must not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, and health, or similar requirements of Department of Energy (DOE) or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment or facilities; (3) disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources (see 10 CFR 1021). In addition, no extraordinary circumstances related to the proposal exist that would affect the significance of the action. In addition, the action is not "connected" to other action actions (40 CFR 1508.25(a)(1) and is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1608.27(b)(7)).

References: 10 CFR 1021, Appendix B to Subpart D, B2.1 "Workplace enhancements"

Justification: Project activities are consistent with 10 CFR 1021, Appendix B to Subpart D, B2.1 "Modifications within or contiguous to an existing structure, in a previously disturbed or developed area, to enhance workplace habitability (including, but not limited to, installation or improvements to lighting, radiation shielding, or heating/ventilating/air conditioning and its instrumentation, and noise reduction).

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act)

Yes No

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Approved by Jason Sturm, DOE-ID NEPA Compliance Officer on: 6/13/2017